SANTRUPT POTPHODE

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Education

Veermata Jijabai Technological Institute   **Aug. 2023 – May 2027**
Bachelor of Technology in Electronics and Telecommunication Engineering   *Mumbai, Maharashtra*

Dr. Ambedkar College   **2020 – 2022**
Higher Secondary Education   *Nagpur, Maharashtra*

St.Xavier's High School   **2008 – 2020**
Secondary Education (10th Grade: 98.2%)   *Nagpur, Maharashtra*

Projects

PC Forge- Custom PC Building Website ○   *MERN Stack, Zustand, Gemini, Tailwind CSS, MongoDB*
- Developed a full-stack PC building website allowing users to browse, select, and customize PC components.
- Implemented dynamic PC parts categories, pre-built recommendations, and a real-time compatibility checker using GeminiAPI.
- Used Zustand for state management to ensure seamless interaction between selected parts and backend storage.
- Integrated web scraping to fetch up-to-date component data from various sources.
- Designed a responsive and intuitive UI using Tailwind CSS for an optimized user experience.

Zync- Real-time Team Communication Platform ○*MERN Stack, Stream Chat, Clerk Auth, Inngest, MongoDB*
- Built a full-stack Slack-inspired communication platform with real-time messaging, channels, DMs, and video calls.
- Integrated Stream Chat SDK for scalable real-time messaging with custom channel management and file sharing capabilities.
- Utilized Clerk for authentication and Inngest for background job processing including automated user onboarding workflows.
- Designed MongoDB schemas with proper relationships and implemented automated user synchronization via webhooks.
- Created responsive React components with seamless real-time chat experience and intuitive user interface.

AI-Resume Screener (in progress) ○*React, Express, Supabase(PostgreSQL + Storage), OpenAI Embeddings, Vector*
- Developing a web-based recruitment platform that automates resume analysis and candidate-job matching using OpenAI embeddings and k-nearest neighbors (kNN) similarity scoring.
- Utilized Supabase for user authentication, structured data storage, and file management.
- Implemented a document processing pipeline to extract text from PDF and DOCX files, enabling semantic analysis.
- Currently Designing a responsive React dashboard with Tailwind CSS to display candidate rankings and application statuses.

Technical Skills

OS: Linux(Mint), Mac, Windows
Languages: C++, Python, HTML/CSS, JavaScript
Developer Tools: VS Code, Sublime Text, Google Cloud
Technologies/Frameworks: GitHub, React, Node, Express, Tailwind CSS, MongoDB, React Three Fiber, Threejs, GSAP, Supabase, Clerk, Stream Chat,

Certifications & Achievements

Data Structures, Algorithms & Problem Solving
- **CodeChef**: 3⭐ Coder on CodeChef with peak rating of 1608.
- **LeetCode**: Solved more than 600 problems and achieved a contest rating of 1665.
- **Codeforces**: Pupil on Codeforces. Solved more than 200 problems and achieved a contest rating of 1275.
- **Code360**: Solved more than 300 problems on Code360.

Leadership Extracurricular Activities

Class Representative - ExTC   **July 2024 – Present**
Veermata Jijabai Technological Institute (VJTI)   *Mumbai, Maharashtra*

Competitive Programming (CP) Club TY Core Member   **Aug. 2025 – Present**
Community of Coders (COC), VJTI   *Mumbai, Maharashtra*

WebGenesis - Mentor   **Feb. 2025 – Apr. 2025**
Community of Coders (COC), VJTI   *Mumbai, Maharashtra*